

Minnesota Mile - Duluth, MN

USATF Certified Course# MN17024RR - Effective Aug 18,2017 to Dec 31,2027

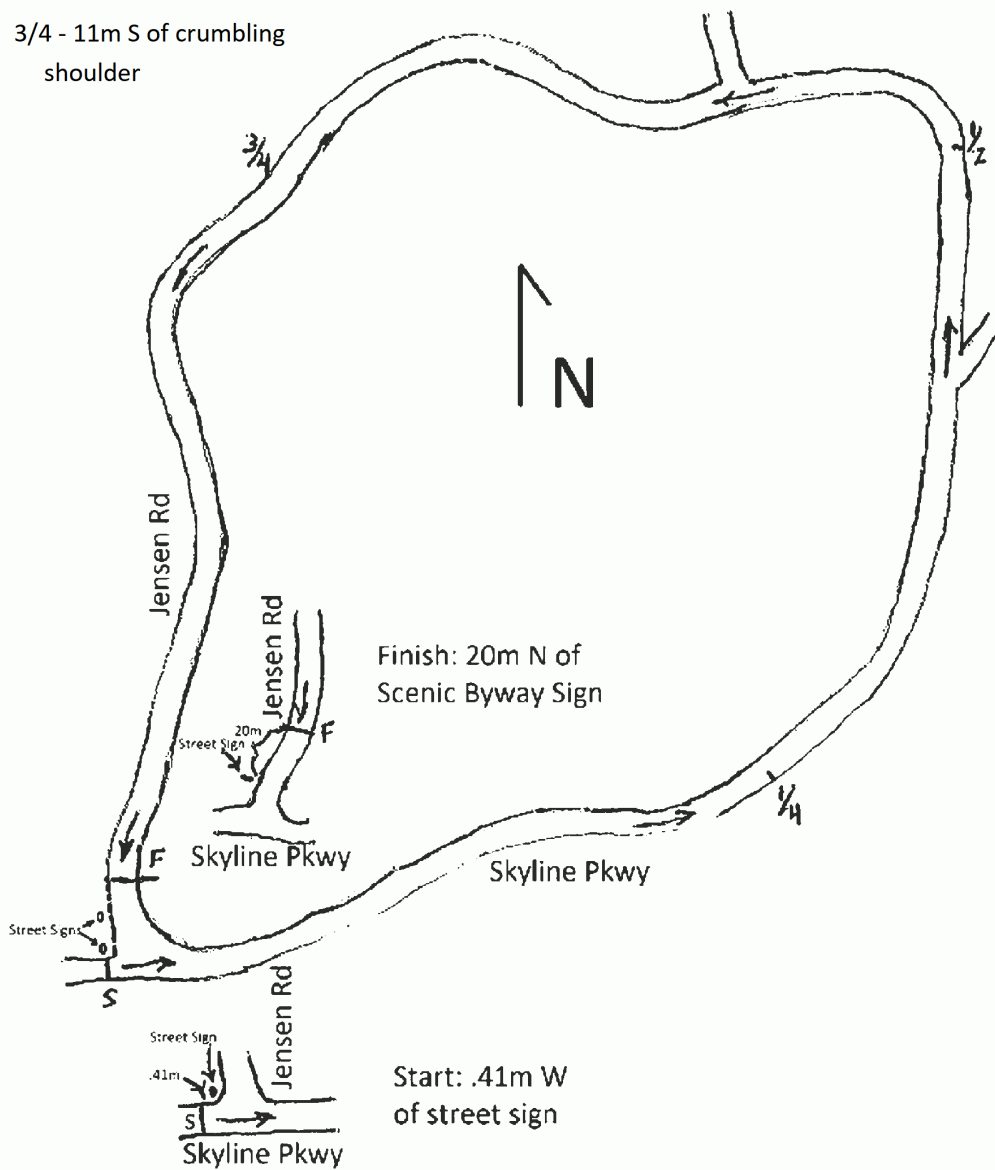
Measured by Rick Recker - 612 375 0805 - on Aug 16,2017

Participants may use all of the paved surface available to obtain the shortest possible route. Event starts on Skyline Pkwy, proceeds W, then N, flows onto Jensen Rd, proceeds W, then S to finish.

1/4 - 7m E of plaque

1/2 - 17m N of cyclist warning sign

3/4 - 11m S of crumbling
shoulder





*Road Running Technical Council
USA Track & Field*

Measurement Certificate

recognized by



Name of the course Minnesota Mile Distance 1609.344m
 Location (state) MN (city) Duluth
 Type of course: road race calibration course track
 Measuring methods: bicycle steel tape electronic distance meter
 Measured by (name, address, phone & e-mail) Rick Recker - IAAF Measurer - 19 S 1st St #2203 - Minneapolis MN55401 - 612 375 0805 - rick_recker@hotmail.com
 Race contact (name, address, phone & e-mail) Grandma's Marathon - Bx 16234 - Duluth, MN55816 - 218 727 0947 - grandmasmarathon.com
 Date(s) when course measured: Aug 16, 2017
 Number of measurements of entire course: Two Course Configuration: Loop
 Elevation (meters above sea level) Start 302 Finish 304 Highest 307 Lowest 300
 Straight line distance between start & finish 70m Drop -1.24 m/km Separation 4.35 %
 Type of surface: paved 100 % dirt _____ % gravel _____ % grass _____ % track _____ %
 Effective date of certification: Aug 18, 2017 Certification code: MN17024RR

Notice to Race Director: Use this Certification Code in **all** public announcements relating to your race.

Be It Officially Noted That

Based on examination of data provided by the above named measurer, the course described above and in the map attached is hereby certified as reasonably accurate in measurement according to the standards adopted by the Road Running Technical Council. If **any** changes are made to the course, this certification becomes void, and the course must then be recertified.

Verification of Course — In the event a National Open Record is set on this course, or at the discretion of USA Track & Field, a verification remeasurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then all pending records will be rejected and the course certification will be cancelled.

This certification expires on December 31 in the year **2027**

AS NATIONALLY CERTIFIED BY:

Rick Recker

Date: Aug 18, 2017

Rick Recker - USATF/RRTC Certifier
 19 S 1st St #2203 - 612 375 0805 - rick_recker@hotmail.com